

Samuel Olubukun

Full Stack Web Developer | Data Scientist & AI/ML Engineer

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SKILLS AND TOOLS

- Technical Skills: PHP, MongoDB, Express, React.js, Node.js, Django, Java, Laravel, Python, SQL, Figma, Google Cloud Platform
- Data Analysis: Python, Excel, Tableau, Power BI.
- Artificial Intelligence & Machine Learning: Deep Learning, Computer Vision, NLP, Large Language Models (LLMs), Generative AI, Prompt Engineering, TensorFlow, PyTorch, Scikit-learn, LangChain, Gemini, OpenAI, Hugging Face.
- Certifications: Applied AI Lab: Deep Learning for Computer Vision (2025), Applied Data Science Lab (2025), Data Analysis with Python (2024), Machine Learning with Python (2024), Data Analytics Essentials (2024)

PROFESSIONAL EXPERIENCE

AFRICANSTREAMS

Quality Assurance Tester

Abuja, NIG

September 2024 – November 2024

- Conducted extensive testing on both the admin panel and client/user-facing sides of the Africanstreams platform, ensuring functionality, user-friendliness, and adherence to industry standards across all features.
- Identified, documented, and tracked software defects, ensuring timely resolutions and collaborating with developers and stakeholders to improve platform performance and reliability.

DIGITAL BRIDGE INSTITUTE NIGERIA

IT Intern

ABUJA, NIG

April 2024 - September 2024

- Provided technical support and troubleshooting services to colleagues and staff.
- Obtained Cisco IT Essentials Certification and CCNA 1: Intro to networks, demonstrating foundational IT knowledge.
- Gained proficiency in data analytics techniques, including data cleaning, data visualization, and statistical analysis using SQL, Python (Pandas, NumPy, Matplotlib), and Excel for data management, analysis, and visualization.
- Studied machine learning concepts such as supervised and unsupervised learning, neural networks, convolutional neural networks (CNN), and regression analysis.

EDUCATION

BINGHAM UNIVERSITY

Bachelor of Science, Major in Computer Science.

Karu, Nasarawa State, NIG

2021-2025

PROJECTS

MEERAHZZ BRIDALS ECOMMERCE WEBSITE

<https://meerahzzbridals.com>

August 2024 - Present

- An elegant eCommerce platform for bridal accessories and bouquets, featuring categorized product listings, real-time cart updates, Paystack payment integration, and an intuitive shopping experience built with PHP and core web technologies.
- Developed using PHP, HTML, CSS, JavaScript, and MySQL, with Paystack API integration for payment processing.

DEEPPFAKE VIDEO DETECTION SYSTEM

<https://deepfakevideodetection.streamlit.app>

December 2024 - January 2024

- A deep learning-based video analysis system built with CNN and LSTM to detect deepfake videos. The app features face detection using MTCNN, feature extraction with InceptionV3, and classification using a GRU-based LSTM model. Deployed with a Streamlit interface.
- Technologies used include Python, TensorFlow, Keras, OpenCV, Streamlit, and MTCNN.

ECOMMERCE PLATFORM

<https://github.com/samolubukun/EcommerceApp-MERN>

July 2024 – September 2024

- A fully functional, deployable e-commerce platform built with the MERN stack. This app includes product management, a shopping cart, user authentication, and payment gateway integration using Braintree for secure transactions.
- Developed using MongoDB, Express.js, React.js, Node.js, and integrated with the Braintree payment gateway.

RAG-AIDED DOCUMENT CHATBOT WITH LLMS

<https://rag-aided-document-chatbot-with-llms-fdpwspctq43ydg1h5ibcn.streamlit.app/>

February 2025

- Developed a document Q&A system using Retrieval-Augmented Generation (RAG) with Streamlit, LangChain, and Cohere LLM for efficient document processing and answering questions.
- Integrated FAISS for similarity search, HuggingFace for embeddings, and libraries like Python-docx, PyPDF2 for document text extraction.